



SEQUENCE LISTING

<110> Yu, De-Chao
Li, Yuanhao
Henderson, Daniel R.

<120> CELL-SPECIFIC ADENOVIRUS VECTORS
COMPRISING AN INTERNAL RIBOSOME ENTRY SITE

<130> 348022001700

<140> 09/814,351

<141> 2001-03-21

<150> 60/192,156

<151> 2000-03-24

<160> 35

<170> FastSEQ for Windows Version 4.0.

<210> 1

<211> 519

<212> DNA

<213> Artificial Sequence

<220>

<223> IRES from encephelomyocarditis virus (EMCV)

<400> 1

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aaggggctga	aggatgcccc	gaaggtaccc	cattgtatgg	gatctgatct	ggggcctcgg	420
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<210> 2

<211> 188

<212> DNA

<213> Artificial Sequence

<220>

<223> IRES from vascular endothelial growth factor
(VEGF)

<400> 2

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gacacgta						188

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 <211> 341
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> 5' UTR region of HCV

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 tcttcacgca gaaagcgtct agccatggcg ttagtatgag tgctcgtgcag cctccaggac 120
 cccccctccc gggagagcca tagtggtctg cggaaccggg gagtacaccg gaattgccag 180
 gacgaccggg tcctttcttg gattaaccgc ctcaatgcct ggagatttgg gcgtgcccc 240
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 gtgcttgcca gtgccccggg aggtctcgta gaccgtgcac c 341

<210> 4
 <211> 595
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> 5' UTR region of B1P

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<210> 5
 <211> 575
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> 5' UTR of PDGF

<400> 5
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<210> 6

<211> 2240
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Human uroplakin II 5' flanking region

<400> 6

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<210> 7
 <211> 3592
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Mouse uroplakin II 5' flanking region

<400> 7

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<210> 8
 <211> 822
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> APF-TRE

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<210> 9
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 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Probasin-TRE

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 tta tat tta cac caa cat cta tct gat tgg agg aat gga taa tag tca 144
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 tat gcc tga aga atg gga cag gca ttg ggc att gtc cat gcc tag taa 288
 agt act cca aga acc tat ttg tat act aga tga cac aat gtc aat gtc 336
 tgt gta caa ctg cca act ggg atg caa gac act gcc cat gcc aat cat 384
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<210> 10
 <211> 546
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Tyrosinase-TRE

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<210> 11

<211> 12047

<212> DNA

<213> Artificial Sequence

<220>

<223> Human glandular kallikrein-TRE

<400> 11

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ggaaatatcca	taaagtaaca	gatataccaa	caaaagggtta	ctagttaaca	ggcattgcct	5160
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<211> 307

<212> DNA

<213> Artificial Sequence

<220>

<223> Nucleotide sequence for ADP

<400> 17

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catgtgggtg	ttttccatag	cgcttatgtt	tgtttgcctt	attattatgt	ggcttatttg	180
ttgcctaaag	cgcagacgcy	ccagaccccc	catctatagg	cctatcattg	tgctcaaccc	240
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tgattaa						307

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 20 25 30
 Val Asn Asp Trp Ala Ser Leu Asp Met Trp Trp Phe Ser Ile Ala Leu
 35 40 45
 Met Phe Val Cys Leu Ile Ile Met Trp Leu Ile Cys Cys Leu Lys Arg
 50 55 60
 Arg Arg Ala Arg Pro Pro Ile Tyr Arg Pro Ile Ile Val Leu Asn Pro
 65 70 75 80
 His Asn Glu Lys Ile His Arg Leu Asp Gly Leu Lys Pro Cys Ser Leu
 85 90 95
 Leu Leu Gln Tyr Asp
 100

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<220>
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28

<210> 20
 <211> 28
 <212> DNA
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<220>
 <223> PCR EMCV IRES (PCR primer 96.74.1)

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28

<210> 21
 <211> 25
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<220>
 <223> Ad5 sequence to 1314 to 1338 (PCR primer 96.74.3)

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25

<210> 22
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 <212> DNA
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 <220>
 <223> Antisense of Ad5 sequence 1572 to 1586 (PCR primer 96.74.6)

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 <210> 23
 <211> 30
 <212> DNA
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 <220>
 <223> Ad5 sequence 1714 to 1728 (PCR primer 96.74.4)

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 <210> 24
 <211> 26
 <212> DNA
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 <220>
 <223> Antisense of Ad5 sequence 2070 to 2094 (PCR primer 96.74.5)

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 <210> 25
 <211> 29
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Human UPII (PCR primer 127.2.1)

 <400> 25
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 <210> 26
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 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Human UPII (PCR primer 127.2.2)

 <400> 26
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 <210> 27
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<212> DNA
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 <220>
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 <210> 28
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 <212> DNA
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 <220>
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 <220>
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<220>
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<210> 33
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<220>
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<210> 34
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<220>
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